

BASIC ATC

Basic air traffic controller course



Basic ATC course aim

The course is designed to give students a foundation level of knowledge and understanding of the work as an air traffic controller and the complete Air Traffic Management (ATM) system. Successful completion of this course enables them to progress further onto rating training courses.

Course objectives

After completion of the Basic ATC course, the air traffic control student will have:

- Knowledge and understanding in accordance with the Eurocontrol training objectives outlined briefly below (see Content in brief).
- Skills practice within the tower, approach and area air traffic control (ATC) environments.
- Knowledge and understanding of the importance of teamwork and the significance of human factors within the ATC environment.

Course overview

Theory

A number of the Basic ATC course's theoretical components are similar to the requirements for pilot training because of the close inter relationship within the aviation environment.

During the course students will learn: aviation law and rules of the air, air traffic management, principles of flight, aircraft equipment and systems, human factors meteorology, and navigation.

Simulator training

The simulator phase of training commences with aspects of tower control, on one of our 3D tower simulators. Following this the students then learn about approach control and area control, within a simplified generic training airspace.

Prerequisites

As stated by the regulatory requirements, in addition to any client company requirements.

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Compliance with regulations

- The Basic ATC course is compliant with Commission Regulation (EU) 2015/340 and EUROCONTROL Common Core Content Edition 2.0.
- The course program is approved by the Swedish CAA.
- Entry Point North academy is certified as a training organization according to European Regulations by the Swedish CAA.

Content in brief

Introduction to the course

Content, duration, documentation, examination procedures, and social events.

Theory

- Navigation
- Meteorology (pertinent to aviation)
- Rules of the air
- Human factors
- Military aviation
- Equipment and systems
- Airspace management
- Environmental protection
- Security
- Airspace users
- Regulator role
- ATC licensing
- Safety management systems
- International organisations
- Alerting service

Simulation

- Tower familiarisation
- ACS radar familiarisation
- Approach familiarisation
- Co-operation between TWR and APP units. Familiarisation.
- Co-operation between ACC and APP. Familiarisation.

Study visit

To a control tower and area control centre.

Feedback to students

Continuous feedback on performance will be provided by the instructors and the course supervisor.